

IN THE CLAIMS:

1. **(Currently amended)** A package of a plastics material and consisting of a container and a lid,

JUL 06 2004  
USPTO  
PATENT & TRADEMARK OFFICE  
JC177

said container [[(30)]] having a bottom connected with a cylindrical wall [[(32)]] extending around an axis (CL), said wall [[(32)]], opposite the bottom, having a free end [[(35)]] which defines and an opening that gives access to the interior of the container [[(30)]], said wall [[(32)]] having an annular engagement portion [[(40)]] on the outer side at its free end [[(35)]],

said lid [[(10)]] comprising a substantially disc-shaped face portion [[(12)]] with a peripheral skirt [[(14)]] which forms an annular reception channel [[(15)]], extending around said axis (CL), for said free end [[(35)]], said reception channel [[(15)]] being defined by a first side wall [[(17)]], a second side wall [[(25)]] and a bottom wall [[(19)]], said first side wall [[(17)]] being connected with the disc-shaped face portion [[(12)]], said second side wall [[(25)]] comprising engagement means [[(27)]] adapted to form a snap engagement with the engagement portion [[(40)]],

said engagement portion [[(40)]] and said engagement means [[(27)]] comprising complementary engagement faces [[(42, 29)]] adapted to engage each other for establishing said snap engagement, said engagement faces being mutually parallel and planar and extending obliquely at an angle  $\alpha$  of between about 15° and about 40° relative to a normal to the axis CL,

there being arranged between the engagement portion [[(40)]] and the bottom wall [[(19)]] an annular resilient sealing member [[(23),]] which extends around the entire reception channel [[(15)]], and which, once said snap engagement has been established, engages an annular first face [[(20)]] arranged in the reception channel [[(15)]] and a second annular face [[(38)]] arranged on the container [[(30)]] at said free end [[(35)]], ~~characterized in that the~~

wherein said first face or second face exhibits an annular projection adapted to generate a further, local compression of the sealing member when the engagement faces engage each other,

wherein said first face arranged in the reception channel defines an annular groove, and said sealing member is secured in the groove by adhesion or in another manner, and said second face exhibits the annular projection adapted to generate said additional, local compression of the sealing member,

wherein the engagement portion [[(40)]] and the engagement means [[(27)]] are shaped such that an axial compression of the sealing member [[(23)]] is provided during the application of the lid [[(10)]], said compression being partially relieved when said engagement faces [[(29, 42)]] engage each other,

wherein radially outwards from the axis (CL) and in extension of said annular projection, the engagement portion exhibits an end edge arranged opposite the second side wall of the reception channel, and

wherein the end edge and said second side wall between them  
define a ring-shaped space whose radial extent decreases in a direction  
away from the sealing member.

2-6. **(Cancel).**

7-10. **(Canceled).**

11. **(Currently amended)** A mould for the manufacture of a lid  
[[(10)]] comprising a substantially disc-shaped face portion [[(12)]] with  
a peripheral skirt [[(14)]] which forms an annular reception channel  
[[(15)]] extending around said axis (CL) for the free end [[(35)]] of a  
container [[(30)]], said reception channel [[(14)]] being defined by a first  
side wall [[(17)]], a second side wall [[(25)]] and a bottom wall [[(19)]],  
said first side wall [[(17)]] being connected with the disc-shaped face  
portion [[(12)]], said second side wall [[(25)]] comprising engagement  
means [[(27)]] adapted to form a snap engagement with an engagement  
portion [[(40)]] on said container [[(30)]],

    said engagement means [[(27)]] comprising an engagement  
    face [[(29)]] which extends obliquely relative to said axis (CL) at an angle  
 $\alpha$  of between about 20° and about 40° relative to a normal to the axis CL,

    an annular sealing means [[(23)]] being secured in the  
    reception channel [[(15)]] by adhesion, said free end of said second side  
    wall [[(25)]] comprising an inclined end face [[(28)]] which extends  
    approximately in parallel with said engagement face [[(19)]] on the lid  
    [[(10)]], said lid [[(10)]] being manufactured using a female mould part  
    [[(100)]], a male mould part [[(110)]] and an ejector ring [[(120)]],

which together define a mould cavity for the lid [[(10)]], said ejector ring [[(120)]] being adapted to be moved in a direction of said axis (CL) to release a lid just moulded from the male mould part [[(110)]], characterized in that the ejector ring [[(120)]] defines a moulding face for said inclined end face [[(28)]] on the lid [[(10)]].

12. **(New)** A package according to claim 1, wherein the sealing member is secured to said first face by adhesion.

13. **(New)** A lid for a package of the type defined in claim 1, said lid comprising a substantially disc-shaped face portion with a peripheral skirt which forms an annular reception channel extending around said axis (CL), for the free end of the container, said reception channel being defined by a first side wall, a second side wall and a bottom wall, said first side wall being connected with the disc-shaped face portion, said second side wall comprising engagement means adapted to form a snap engagement with the engagement portion on the container,

wherein the engagement means comprise an engagement face which extends obliquely relative to said axis (CL) at an angle  $\alpha$  of between about  $20^\circ$  and about  $40^\circ$  relative to a normal to the axis CL, and wherein an annular sealing means is secured in the reception channel by adhesion or in another manner.

14. **(New)** A lid according to claim 13, wherein the free end of said second side wall comprises an inclined end face which extends approximately in parallel with said engagement face on the lid.

15. **(New)** A mould for the manufacture of a lid according to claim 14, said lid (10) being manufactured using a female mould part, a male mould part and an ejector ring, which together define a mould cavity for the lid, said ejector ring being adapted to be moved in a direction of said axis (CL) to release a lid just moulded from the male mould part,

wherein the ejector ring defines a moulding face for said inclined end face on the lid.

16. **(New)** A package of plastics material and consisting of a container and a lid,

said container having a bottom connected with a cylindrical wall extending around an axis (CL), said wall, opposite the bottom, having a free end which defines an opening that gives access to the interior of the container, said wall having an annular engagement portion on the outer side at its free end,

said lid comprising a substantially disc-shaped face portion with a peripheral skirt which forms an annular reception channel extending around said axis (CL), for said free end, said reception channel being defined by a first side wall, a second side wall and a bottom wall, said first side wall being connected with the disc-shaped face portion, said second side wall comprising engagement means adapted to form a snap engagement with the engagement portion,

said engagement portion and said engagement means comprising complementary engagement faces adapted to engage each other for establishing said snap engagement,

there being arranged between the engagement portion and the bottom wall an annular resilient sealing member which extends around the entire reception channel, and which, once said snap engagement has been established, engages an annular first face arranged in the reception channel and a second annular face arranged on the container at said free end,

wherein the engagement portion and the engagement means are shaped such that an axial compression of the sealing member is provided during the application of the lid, said compression being partially relieved when said engagement faces engage each other,

wherein radially outwards from the axis (CL) and in extension of said annular projection, the engagement portion exhibits an end edge arranged opposite the second side wall of the reception channel, and

wherein the end edge and said second side wall between them define a ring-shaped space whose radial extend decreases in a direction away from the sealing member.